In the Claims:

Please amend Claims 1-14 as shown below, and add new Claims 15-20 prior to calculating the fees due for this patent application. A complete copy of the claims including marked-up versions of each claim which is amended in this Preliminary Amendment appears below.

1. (Currently Amended) An animal electronic data collecting device comprising:

~~a radio transmitter and receiver, a processor for controlling operation of the device and memory for storing information including a first identifier associated with the device, wherein the processor is arranged to transmit a signal, by means of the radio transmitter, and to receive, by means of the radio receiver, one or more signals, each representing a second identifier from other devices and the processor is arranged to store in the memory each second identifier, and~~

a radio transmitter;

a radio receiver;

memory for storing information including a first identifier associated with said device; and

a processor for controlling the operation of said device, wherein said processor is arranged to transmit a signal, by means of said radio transmitter, and to receive, by means of said radio receiver, one or more signals, each representing a second identifier from

other devices, said processor being arranged to store in said memory each second identifier;

wherein the default operating condition of ~~the~~ said device is for ~~the~~ said radio receiver to be in a receive condition and, upon receipt of a wakeup call, ~~the~~ said processor is arranged to place ~~the~~ said radio transmitter into a transmit condition.

2. (Currently Amended) A device as ~~claimed in claim 1~~ defined in Claim 1, wherein said processor is further arranged to periodically place ~~the~~ said radio transmitter into a transmit condition ~~and~~ to cause said radio transmitter to transmit ~~the~~ said first identifier.

3. (Currently Amended) A device as ~~claimed in claim 2~~ defined in Claim 2, wherein ~~the~~ said time interval between periodic transmission is a function of the time since the last receipt of a second identifier.

4. (Currently Amended) A device as ~~claimed in claim 1~~ defined in Claim 1, wherein, upon receipt of a wakeup call, ~~the~~ said processor is arranged to place ~~the~~ said radio transmitter into a transmit condition when ~~the~~ said wakeup call includes a second identifier that is not already stored in ~~the~~ said memory of ~~the~~ said ~~device .~~ device.

5. (Currently Amended) A device as ~~claimed in any of claims 1 to 4~~ defined in Claim 1, wherein ~~the~~ said device is further arranged to send data from ~~its~~ said memory to a remote device in response to a specific request from ~~the~~ said remote device.

6. (Currently Amended) A device as ~~claimed in any of claims 1 to 5~~ defined in Claim 1, wherein ~~the~~ said device is arranged to store a received second identifier in a first part of ~~the~~ said memory and to store ~~the~~ said received identifier in a second part of ~~the~~ said memory at a time determined by the time elapsed since the receipt of ~~the~~ said second identifier.

7. (Currently Amended) A device as ~~claimed in claim 6~~ defined in Claim 6, wherein ~~the~~ said device is further arranged to send data from ~~the~~ said first and/or second parts of ~~its~~ said memory to a remote device in response to a specific request from ~~the~~ said remote device.

8. (Currently Amended) A method of gathering data on animals and/or animal products, ~~the~~ said method comprising;

receiving at the device one or more signals, each representing a second identifier from other devices;

storing in memory a received second ~~identifier,~~ identifier; and

transmitting a signal from ~~the~~ said device including a first identifier associated with ~~the device.~~ said device;

wherein the default operating condition of ~~the~~ said device is for ~~the~~ said device to be in a condition to receive signals and, on receipt of a wakeup call, ~~the~~ said device is placed into a condition to transmit signals.

9. (Currently Amended) A method as ~~claimed in claim 8~~ defined in Claim 8, further arranged to periodically place ~~the~~ said radio transmitter into a transmit condition and to transmit ~~the~~ said first identifier.

10. (Currently Amended) A method as ~~claimed in claim 9~~ defined in Claim 9, wherein the time interval between periodic transmission is a function of the time since the last receipt of a second identifier.

11. (Currently Amended) A method as ~~claimed in claim 8~~ defined in Claim 8, wherein, upon receipt of a wakeup call, ~~the~~ said device is placed into a condition to transmit signals when ~~the~~ said wakeup call includes a second identifier that is not already stored in ~~the~~ said memory of ~~the~~ said device.

12. (Currently Amended) A method as ~~claimed in any of claims 8 to 11~~ defined in Claim 8, further ~~comprising~~ comprising:

sending data from ~~the~~ said memory to a remote device in response to a specific request from ~~the~~ said remote device.

13. (Currently Amended) A method as claimed in ~~any of claims 8 to 12~~ defined in Claim 8, further ~~comprising~~ comprising:

storing a received second identifier in a first part of ~~the~~ said memory and storing ~~the~~ said received identifier in a second part of ~~the~~ said memory at a time determined by the time elapsed since the receipt of ~~the~~ said second ~~identifier~~ identifier.

14. (Currently Amended) A method as ~~claimed in claim 13~~ defined in Claim 13, further ~~comprising~~ comprising:

sending data from ~~the~~ said first and/or second parts of ~~the~~ said memory to a ~~remove~~ remote device in response to a specific request from ~~the~~ said remote device.

15. (New) An animal electronic data collecting device comprising:

a radio transmitter;

a radio receiver;

memory for storing information including a unique first identifier associated with said device;

a processor operatively connected to said radio transmitter to cause the transmission of radio signals therefrom, said processor also being operatively connected

to said radio receiver to obtain radio signals from any other device which are received by said radio receiver, said radio signals received from each said other device representing a unique second identifier from each said other device, said processor being operatively connected to said memory to store in said memory each unique second identifier received from said at least one other device;

wherein said processor will, upon the occurrence of a wakeup signal, cause said radio transmitter to transmit radio signals from said device representing said unique first identifier from said device.

16. (New) A device as defined in Claim 15, wherein said wakeup signal is generated periodically by said processor to cause said radio transmitter to periodically transmit radio signals from said device representing said unique first identifier from said device.

17. (New) A device as defined in Claim 16, wherein said wakeup signal is also generated by said processor following the receipt of radio signals from any other device which are received by said radio receiver.

18. (New) A device as defined in Claim 17, wherein said wakeup signal is only generated by said processor following the receipt of radio signals from any other device which are received by said radio receiver if the unique second identifier received from said at other device has not previously been stored in said memory.

19. (New) A device as defined in Claim 16, wherein the time interval between periodic generation of said wakeup signal and periodic transmission of radio signals from said device is a function of the time since the last receipt of a unique second identifier from another device.

20. (New) A device as defined in Claim 15, wherein said processor is further arranged to send any unique second identifiers received from said other devices from said memory of said device to a remote device in response to a request from said remote device.